To: CN=Carolyn Yale/OU=R9/O=USEPA/C=US@EPA[]

Cc: CN=Bruce Herbold/OU=R9/O=USEPA/C=US@EPA;CN=Erin

Foresman/OU=R9/O=USEPA/C=US@EPA;CN=Karen Schwinn/OU=R9/O=USEPA/C=US@EPA;CN=Maya Kuttan/OU=R9/O=USEPA/C=US@EPA;CN=Sam

Ziegler/OU=R9/O=USEPA/C=US@EPA;CN=Tom Hagler/OU=R9/O=USEPA/C=US@EPA[];

N=Erin Foresman/OU=R9/O=USEPA/C=US@EPA;CN=Karen

Schwinn/OU=R9/O=USEPA/C=US@EPA;CN=Maya

Kuttan/OU=R9/O=USEPA/C=US@EPA;CN=Sam

Ziegler/OU=R9/O=USEPA/C=US@EPA;CN=Tom Hagler/OU=R9/O=USEPA/C=US@EPA[];

N=Karen Schwinn/OU=R9/O=USEPA/C=US@EPA;CN=Maya

Kuttan/OU=R9/O=USEPA/C=US@EPA;CN=Sam

Ziegler/OU=R9/O=USEPA/C=US@EPA;CN=Tom Hagler/OU=R9/O=USEPA/C=US@EPA[];

N=Maya Kuttan/OU=R9/O=USEPA/C=US@EPA;CN=Sam

Ziegler/OU=R9/O=USEPA/C=US@EPA;CN=Tom Hagler/OU=R9/O=USEPA/C=US@EPA[];

N=Sam Ziegler/OU=R9/O=USEPA/C=US@EPA;CN=Tom

Hagler/OU=R9/O=USEPA/C=US@EPA[]; N=Tom Hagler/OU=R9/O=USEPA/C=US@EPA[]

From: CN=Mo Tangestani/OU=R9/O=USEPA/C=US

Sent: Tue 12/14/2010 5:28:42 PM Subject: Re: Newly Revised map

WTR1101880 1.pdf Carolyn Yale's Mail

http://www.epa.gov/region9/water/watershed/sfbay-delta/index.html

http://www.epa.gov/region9/water/watershed/sfbay-delta/index.html

http://www.epa.gov/region9/water/watershed/sfbay-delta/index.html

erin.kleeman@gmail.com

http://www.epa.gov/region9/water/watershed/sfbay-delta/index.html

Good morning All,

Does everyone concur with Carolyn's comment? See below.

Let me know if there are any other edits and changes.

Thanks much, Mo

^^*^*^*

Mo Tangestani

Innovate!, Inc. GIS Analyst Contractor

On-site at EPA, Region 9 75 Hawthorne St., 7th Floor San Francisco, CA 94105

Email: tangestani.mo@epamail.epa.gov

Office: 415-947-4579 fax: 415-276-4177

^^*^******

From: Carolyn Yale/R9/USEPA/US

To: Mo Tangestani/R9/USEPA/US@EPA

Cc: Bruce Herbold/R9/USEPA/US@EPA, Erin Foresman/R9/USEPA/US@EPA, Karen Schwinn/R9/USEPA/US@EPA, Maya Kuttan/R9/USEPA/US@EPA, Sam Ziegler/R9/USEPA/US@EPA, Tom Hagler/R9/USEPA/US@EPA

Date: 12/14/2010 05:14 AM Subject: Re: Newly Revised map

Mo et al,

I for one think this is a very successful map as it is.

С

Re: Newly Revised map

Mo Tangestani to: Bruce Herbold 12/13/2010 05:12 PM

Cc: Carolyn Yale, Erin Foresman, Karen Schwinn, Maya Kuttan, Sam Ziegler, Tom Hagler

Hi Bruce,

I changed Contra Costa Canal as it was suggested.

As for editing the SF Bay feature along the bay shore and deleting them, I should say that deleting these features along the Bay shore is very difficult. I am actually using Coastal waters (detailed) and it shows them like that. If I use a generalized coastal feature, then nothing shows up. I took out several artifacts left over from the transportation layer that I was using, those were the lavender areas that you referred to. Those were airports, which don't show up anymore. Take a look at this new version, and if we need to edit the SF Bay waters I can come up with another solution tomorrow.

Thanks much, Mo

[attachment "WTR1101880_1.pdf" deleted by Carolyn Yale/R9/USEPA/US]

^^*^*^*^*

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^^*^*^****

From: Bruce Herbold/R9/USEPA/US
To: Mo Tangestani/R9/USEPA/US@EPA

Cc: Carolyn Yale/R9/USEPA/US@EPA, Erin Foresman/R9/USEPA/US@EPA, Karen

Schwinn/R9/USEPA/US@EPA, Maya Kuttan/R9/USEPA/US@EPA, Sam Ziegler/R9/USEPA/US@EPA, Tom

Hagler/R9/USEPA/US@EPA
Date: 12/13/2010 04:12 PM
Subject: Re: Newly Revised map

I very much second Carolyn's suggestion that the Contra Costa Canal be marked like the other canals so that there is no indication that some major river is flowing down from Mt Diablo.

The level of detail of waterways is still very high for the SF Bay waterways and should be dialed back to just show major streams. There also seems to be an indication of wetlands along the bay shore (several lavender areas) that is not in the legend and which is not needed for our purposes. Could you just delete them?

thanks again, It is really looking good.

Bruce

From: Mo Tangestani/R9/USEPA/US
To: Carolyn Yale/R9/USEPA/US@EPA

Cc: Bruce Herbold/R9/USEPA/US@EPA, Erin Foresman/R9/USEPA/US@EPA, Karen

Schwinn/R9/USEPA/US@EPA, Maya Kuttan/R9/USEPA/US@EPA, Sam Ziegler/R9/USEPA/US@EPA, Tom

Hagler/R9/USEPA/US@EPA
Date: 12/13/2010 03:19 PM
Subject: Re: Newly Revised map

Hi All,

I haven't heard any further comments. I made a small change with one of the labels. So, please let me know if you don't have any further comments or edits.

I want to send a final copy, but I want to wait and see if there any more edits.

Мо

^^*^*^*^*

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^^*^*^*^***

From: Carolyn Yale/R9/USEPA/US

To: Mo Tangestani/R9/USEPA/US@EPA

Cc: Bruce Herbold/R9/USEPA/US@EPA, Erin Foresman/R9/USEPA/US@EPA, Karen

Schwinn/R9/USEPA/US@EPA, Maya Kuttan/R9/USEPA/US@EPA, Sam Ziegler/R9/USEPA/US@EPA, Tom

Hagler/R9/USEPA/US@EPA
Date: 12/13/2010 12:52 PM
Subject: Re: Newly Revised map

All, see my query whether for clarity we should change the appearance of the Contra Costa Canal.

This has the information we need, I think. So I would thank Mo and call a halt, unless the following is important:

Be prepared to explain the difference between a stream/river and a canal, as in the Contra Costa Canal. Which is to say, the CC Canal line could look like the CA Aqueduct.

С

Carolyn Yale US EPA Watersheds Office phone: 415-972-3482 fax: 415-947-3537 yale.carolyn@epa.gov

From: Mo Tangestani/R9/USEPA/US
To: Bruce Herbold/R9/USEPA/US@EPA

Cc: Carolyn Yale/R9/USEPA/US@EPA, Erin Foresman/R9/USEPA/US@EPA, Karen

Schwinn/R9/USEPA/US@EPA, Maya Kuttan/R9/USEPA/US@EPA, Sam Ziegler/R9/USEPA/US@EPA, Tom

Hagler/R9/USEPA/US@EPA
Date: 12/13/2010 12:22 PM
Subject: Newly Revised map

Hi All,

I think that I have captured everybody's comments and designed the revised map accordingly. Please review the attached map, and as usual don't hesitate to send me your comments.

Thanks much,

Мо

[attachment "WTR1101880_1.pdf" deleted by Carolyn Yale/R9/USEPA/US]

^^*^*^*^*

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Office: 415-947-4579 fax: 415-276-4177

^^*^*^*^*

From: Bruce Herbold/R9/USEPA/US
To: Mo Tangestani/R9/USEPA/US@EPA

Cc: Carolyn Yale/R9/USEPA/US@EPA, Erin Foresman/R9/USEPA/US@EPA, Karen

Schwinn/R9/USEPA/US@EPA, Maya Kuttan/R9/USEPA/US@EPA, Sam Ziegler/R9/USEPA/US@EPA, Tom

Hagler/R9/USEPA/US@EPA
Date: 12/13/2010 10:46 AM
Subject: Re: Fw: Revised maps

I don't think we need or want to label Hood. Tracy is the site of the SWP and CVP pumps -- Hood isn't yet their intake...

Bruce

From: Mo Tangestani/R9/USEPA/US
To: Tom Hagler/R9/USEPA/US@EPA

Cc: Bruce Herbold/R9/USEPA/US@EPA, Carolyn Yale/R9/USEPA/US@EPA, Erin

Foresman/R9/USEPA/US@EPA, Karen Schwinn/R9/USEPA/US@EPA, Maya Kuttan/R9/USEPA/US@EPA, Sam

Ziegler/R9/USEPA/US@EPA
Date: 12/13/2010 10:33 AM
Subject: Re: Fw: Revised maps

Hi Tom,

You wrote:

> And can we label "Hood", the state and federal aqueducts, and say that its the "SWP CVP pumping stations"

These two features are identified and symbolized to stand out, but I have no idea about adding the label "Hood" to what? Please clarify.

I am addressing all the other items that you have raised, since other folks had similar concerns.

Thanks much, Mo

^^*^*^****

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fax: 415-276-4177

^^*^*^*^*

From: Tom Hagler/R9/USEPA/US

To: Mo Tangestani/R9/USEPA/US@EPA

Cc: Bruce Herbold/R9/USEPA/US@EPA, Carolyn Yale/R9/USEPA/US@EPA, Erin

Foresman/R9/USEPA/US@EPA, Karen Schwinn/R9/USEPA/US@EPA, Maya Kuttan/R9/USEPA/US@EPA, Sam

Ziegler/R9/USEPA/US@EPA
Date: 12/13/2010 10:21 AM
Subject: Re: Fw: Revised maps

My two cents:

I thought I wasn't going to like the X2 map, but it turned out well, so my vote is to keep it.

On the Delta map, is there any way to label the Tuolumne and Stanislaus? That is, the tributaries that we mention in the Migratory Corridors discussion.

And can we label "Hood", the state and federal aqueducts, and say that its the "SWP CVP pumping stations"

And to be really picky, can we eliminate the lesser creeks upstream, especially those that drain elsewhere?

Mo, you'd have to get all that technical info from Bruce or Erin. Thanks for these.

From: Mo Tangestani/R9/USEPA/US
To: Bruce Herbold/R9/USEPA/US@EPA

Cc: Carolyn Yale/R9/USEPA/US@EPA, Erin Foresman/R9/USEPA/US@EPA, Karen

Schwinn/R9/USEPA/US@EPA, Maya Kuttan/R9/USEPA/US@EPA, Sam Ziegler/R9/USEPA/US@EPA, Tom

Hagler/R9/USEPA/US@EPA
Date: 12/10/2010 03:09 PM
Subject: Re: Fw: Revised maps

Hi All,

I addressed comments that were given to the GIS Center by Bruce, and incorporated his comments into these new versions.

Please, review these attached maps and don't hesitate to contact me if you have any further comments, edits, concerns and etc...

Thanks much, Mo

[attachment "WTR1101880_2.pdf" deleted by Tom Hagler/R9/USEPA/US] [attachment "WTR1101880_1.pdf" deleted by Tom Hagler/R9/USEPA/US]

P.S. Bruce suggested that the X2 distances to be included in the base map. I tried to do so, but it would make the first map busier than what we want it to be, with the explanations and all.

^^*^*^*^*

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Email: tangestani.mo@epamail.epa.gov

Office: 415-947-4579 fax: 415-276-4177

^^*^*****************

From: Bruce Herbold/R9/USEPA/US
To: Mo Tangestani/R9/USEPA/US@EPA

Cc: Carolyn Yale/R9/USEPA/US@EPA, Erin Foresman/R9/USEPA/US@EPA, Karen

Schwinn/R9/USEPA/US@EPA, Maya Kuttan/R9/USEPA/US@EPA, Sam Ziegler/R9/USEPA/US@EPA, Tom

Hagler/R9/USEPA/US@EPA
Date: 12/10/2010 12:15 PM
Subject: Re: Fw: Revised maps

Mo,

Thanks very much these look great. Carolyn and I have several suggestions, of course.

One consistent base map would make it easier to refer to any and all overlays. We favor the map that currently has X2 lines on it as that base, if it can be expanded to cover the larger region covered by the other map. For orientation we would prefer to have a few major cities identified (Sacramento, Stockton and San Francisco and maybe the Golden Gate). We think that the roads and counties generally are distracting except for major ones like I-80, I680, I-580, 101 and I-5 (which is oddly missing entirely from both maps). In addition maybe the town of Tracy should be included, but certainly the SWP and CVP facilities in the south delta near Tracy. Suisun Marsh should also be identified.

Most maps of the region color the delta as if it is one thing, I personally LOVE your identification of the three commingling watersheds. That approach allows much easier appreciation for how the Sacramento side fills the delta, including the lower San Joaquin River channels.

Finally, it may be a glitch in our viewing abilities but the waterways seem wrong. In the western delta and in the Cache Slough areas on the NW delta you show many many small waterways, which may be based on irrigation canals on farmland but which are not waterways like the waterways shown elsewhere. In some cases like the area west of Rio Vista those seem to be just wrong, maybe a holdover from some other use of the map.

thanks again,

Bruce Herbold

From: Mo Tangestani/R9/USEPA/US
To: Erin Foresman/R9/USEPA/US@EPA

Cc: Bruce Herbold/R9/USEPA/US@EPA, Carolyn Yale/R9/USEPA/US@EPA, Karen

Schwinn/R9/USEPA/US@EPA, Maya Kuttan/R9/USEPA/US@EPA, Sam Ziegler/R9/USEPA/US@EPA, Tom

Hagler/R9/USEPA/US@EPA
Date: 12/10/2010 09:19 AM
Subject: Re: Fw: Revised maps

Hi All,

I am sending a slightly better version of the second map. Those of you who know us at the GIS Center, know that we are a bit perfectionist. I noticed a little misalignment and corrected it. Perhaps you wouldn't even notice it, but I did.

Thanks much everybody, Mo

[attachment "WTR1101880_2.pdf" deleted by Bruce Herbold/R9/USEPA/US]

^^*^******

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^^*^********

From: Erin Foresman/R9/USEPA/US

To: Karen Schwinn/R9/USEPA/US@EPA, Tom Hagler/R9/USEPA/US@EPA, Maya Kuttan/R9/USEPA/US@EPA,

Bruce Herbold/R9/USEPA/US@EPA, Carolyn Yale/R9/USEPA/US@EPA, Sam Ziegler/R9/USEPA/US@EPA

Cc: Mo Tangestani/R9/USEPA/US@EPA

Date: 12/10/2010 09:11 AM Subject: Fw: Revised maps

Thanks Mo!

Erin Foresman Environmental Scientist & Policy Coordinator, US EPA Region 9 C/O Army Corps of Engineers 1325 J Street, 14th floor Sacramento, CA 95814-2922

Phone: (916) 557 5253; Fax: (916) 557 6877

http://www.epa.gov/region9/water/watershed/sfbay-delta/index.html

-----Forwarded by Erin Foresman/R9/USEPA/US on 12/10/2010 09:09AM -----

To: Erin Foresman/R9/USEPA/US@EPA From: Mo Tangestani/R9/USEPA/US

Date: 12/10/2010 08:41AM

cc: Erin Foresman/R9/USEPA/US@EPA, Cheryl Henley/R9/USEPA/US@EPA, Stacy Takeda/R9/USEPA/US@EPA,

Linda Chambers/R9/USEPA/US@EPA

Subject: Revised maps

Good morning Erin,

You are most welcome, glad to read that you approved the revised maps. Please, use these PDF files that are attached. These ones don't have DRAFT in the legend box.

Thanks and have a great weekend, Mo

(See attached file: WTR1101880_2.pdf)(See attached file: WTR1101880_1.pdf)

^^*^*^*^*

Mo Tangestani

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Office: 415-947-4579 fax: 415-276-4177

^^*^*^*^*

Erin Foresman---12/09/2010 08:33:10 PM---Thank you Thank you!!

From:

Erin Foresman/R9/USEPA/US

To:

Erin Foresman/R9/USEPA/US@EPA

Cc:

Mo Tangestani/R9/USEPA/US@EPA

Date

12/09/2010 08:33 PM

Subject:

Re: New revised maps for you

Thank you Thank you!!

Erin Foresman

Environmental Scientist & Policy Coordinator, US EPA Region 9 C/O Army Corps of Engineers 1325 J Street, 14th floor Sacramento, CA 95814-2922

Phone: (916) 557 5253; Fax: (916) 557 6877

http://www.epa.gov/region9/water/watershed/sfbay-delta/index.html

-----Erin Foresman/R9/USEPA/US wrote: -----To: Mo Tangestani/R9/USEPA/US@EPA From: Erin Foresman/R9/USEPA/US

Date: 12/09/2010 08:29PM

Subject: Re: New revised maps for you

Mo,

These look great. Let's close out the ticket and I'll pass them along to the rest of the Bay Delta Team. They may have wishes for things to be changed but I will deal with them when I return after 12/20. If there are any more

changes we need to make, I will open a new ticket.

Thanks!

Erin

Erin Foresman

Environmental Scientist & Policy Coordinator, US EPA Region 9 C/O Army Corps of Engineers 1325 J Street, 14th floor Sacramento, CA 95814-2922

Phone: (916) 557 5253; Fax: (916) 557 6877

http://www.epa.gov/region9/water/watershed/sfbay-delta/index.html

-----Mo Tangestani/R9/USEPA/US wrote: -----

To: Erin Foresman/R9/USEPA/US@EPA From: Mo Tangestani/R9/USEPA/US

Date: 12/09/2010 04:24PM cc: erin.kleeman@gmail.com Subject: New revised maps for you

Erin,

Please check out these new revised maps, and let me know if you have any comments. I addressed all of the issues that you raised on the phone, if I missed any thing, don't hesitate to contact me.

Thanks much,

Мо

(See attached file: WTR1101880_2.pdf)(See attached file: WTR1101880_1.pdf)

^^*^******

Mo Tangestani

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^^*^*^*^*

Erin Foresman---12/09/2010 02:13:02 PM--- "Water Quality Standard for Low Salinity Zone and Estuarine Habitat

Protection" Legend language up

From:

Erin Foresman/R9/USEPA/US

To:

Mo Tangestani/R9/USEPA/US@EPA

Cc:

erin.kleeman@gmail.com

Date:

12/09/2010 02:13 PM Subject: Title for you

"Water Quality Standard for Low Salinity Zone and Estuarine Habitat Protection" Legend language update:

X2 = Distance in kilometers from the Golden Gate Bridge where salinity is 2 parts per thousand

Cell for tomorrow is 530.848.3783 and alternate email is erin.kleeman@gmail.com

Kleeman is my married last name -- was a pain to change it in my email for work!

Erin Foresman

Environmental Scientist & Policy Coordinator, US EPA Region 9 C/O Army Corps of Engineers 1325 J Street, 14th floor Sacramento, CA 95814-2922

Phone: (916) 557 5253; Fax: (916) 557 6877

http://www.epa.gov/region9/water/watershed/sfbay-delta/index.html

-----Mo Tangestani/R9/USEPA/US wrote: -----

To: Erin Foresman/R9/USEPA/US@EPA From: Mo Tangestani/R9/USEPA/US

Date: 12/09/2010 01:32PM

cc: Cheryl Henley/R9/USEPA/US@EPA, Stacy Takeda/R9/USEPA/US@EPA, Linda Chambers/R9/USEPA/US@EPA

Subject: Two maps for Review

Hi Erin,

Attached you'd find two maps. On the first map, initially urban areas were added, but it was determined that it was best to take them off. The reason was that these areas didn't stand out in the context of the watersheds with three different colors. And if I were to make them stand out, then these were competing with the rest of main features. The urban areas didn't really add to the map, the roads' layer, however, added useful content to the map. Please, evaluate both of these maps, and pay special attention to the titles as well, perhaps you want to have different map titles.

(See attached file: WTR1101880_2.pdf)(See attached file: WTR1101880_1a.pdf)

^^*^*^*^**

Mo Tangestani Innovate!, Inc. GIS Analyst Contractor On-site at EPA, Region 9 75 Hawthorne St., 7th Floor San Francisco, CA 94105

Email: tangestani.mo@epamail.epa.gov

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[attachment "WTR1101880_2.pdf" removed by Erin Foresman/R9/USEPA/US] [attachment "WTR1101880_1a.pdf" removed by Erin Foresman/R9/USEPA/US]

[attachment "WTR1101880_2.pdf" removed by Erin Foresman/R9/USEPA/US] [attachment "WTR1101880_1.pdf" removed by Erin Foresman/R9/USEPA/US] [attachment "WTR1101880_2.pdf" deleted by Mo Tangestani/R9/USEPA/US] [attachment "WTR1101880_1.pdf" deleted by Mo Tangestani/R9/USEPA/US]